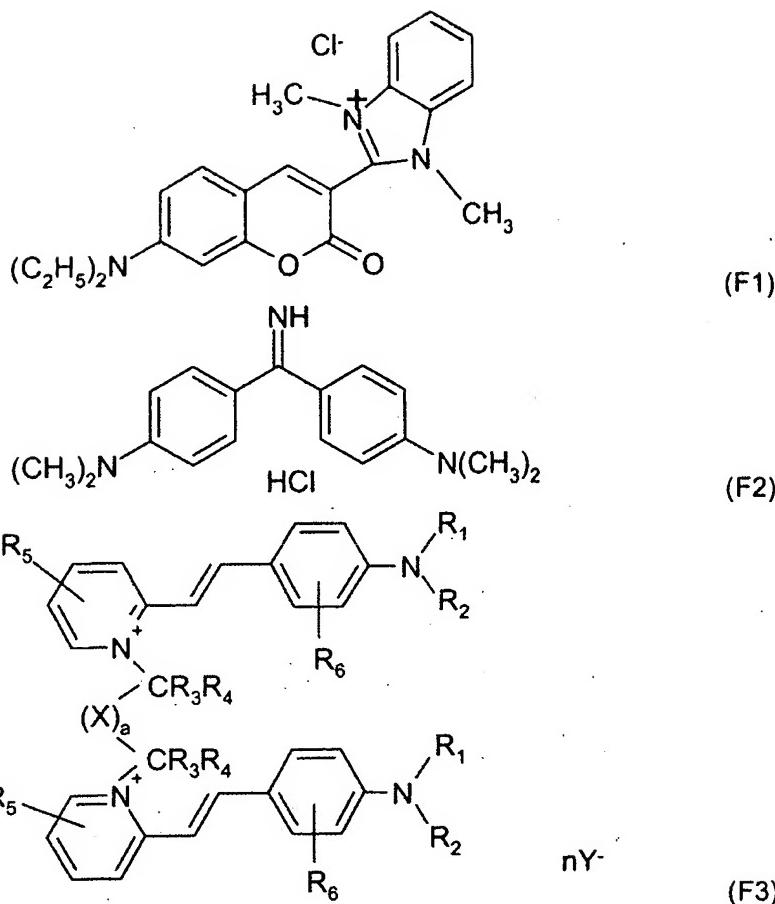


WHAT IS CLAIMED IS:

1. A cosmetic composition comprising, in a cosmetically acceptable medium, at least one fluorescent dye that is soluble in the medium and at least one aminosilicone; with the proviso that the fluorescent dye is not 2-[2-(4-dialkylamino)phenylethenyl]-1-alkylpyridinium wherein the alkyl radical of the pyridinium nucleus is chosen from methyl and ethyl radicals and wherein the alkyl radical of the benzene nucleus is chosen from methyl radicals, and wherein the counterion is a halide.
2. The cosmetic composition according to Claim 1, wherein the at least one fluorescent dye is in the orange range.
3. The cosmetic composition according to Claim 1, wherein the at least one fluorescent dye provides a reflectance maximum that is in the wavelength range from about 500 to about 650 nanometres.
4. The cosmetic composition according to Claim 2, wherein the at least one fluorescent dye provides a reflectance maximum that is in the wavelength range from about 550 to about 620 nanometres.
5. The cosmetic composition according to Claim 1, wherein the at least one fluorescent dye is chosen from naphthalimides; cationic and non-cationic coumarins; xanthenodiquinolizines; azaxanthenes; naphtholactams; azlactones; oxazines; thiazines; dioxazines; and polycationic fluorescent dyes of azo, azomethine and methine type.
6. The cosmetic composition according to Claim 1, wherein the at least one fluorescent dye is chosen from the formulae (F1), (F2), and (F3):



wherein:

R_1 and R_2 , which may be identical or different, are chosen from:

- hydrogen atoms;
- linear and branched alkyl radicals comprising from 1 to 10 carbon atoms, optionally interrupted with at least one entity chosen from hetero atoms and groups comprising at least one hetero atom, and optionally substituted with at least one entity chosen from hetero atoms, groups comprising at least one hetero atom, and halogen atoms;
- aryl and arylalkyl radicals, wherein the aryl group comprises 6 carbon atoms and the alkyl radical comprises from 1 to 4 carbon atoms; the aryl radical is optionally substituted with at least one radical chosen from linear and

- branched alkyl radicals comprising from 1 to 4 carbon atoms optionally interrupted with at least one entity chosen from hetero atoms and groups comprising at least one hetero atom, and optionally substituted with at least one entity chosen from hetero atoms, groups comprising at least one hetero atom, and halogen atoms;
- R_1 and R_2 may optionally be linked so as to form a heterocycle with the nitrogen atom and may further comprise at least one hetero atom, wherein the heterocycle is optionally substituted with at least one radical chosen from linear and branched alkyl radicals, optionally interrupted with at least one entity chosen from hetero atoms and groups comprising at least one hetero atom, and optionally substituted with at least one entity chosen from hetero atoms, groups comprising at least one hetero atom, and halogen atoms;
 - R_1 or R_2 may also optionally be included in a heterocycle comprising the nitrogen atom and one of the carbon atoms of the phenyl group comprising the nitrogen atom;

R_3 and R_4 , which may be identical or different, are chosen from hydrogen atoms and alkyl radicals comprising from 1 to 4 carbon atoms;

R_5 , which may be identical or different, are chosen from hydrogen atoms, halogen atoms, and linear and branched alkyl radicals comprising from 1 to 4 carbon atoms, optionally interrupted with at least one hetero atom;

R_6 , which may be identical or different, are chosen from hydrogen atoms; halogen atoms; and linear and branched alkyl radicals comprising from 1 to 4 carbon atoms, optionally interrupted with at least one entity chosen from hetero atoms and groups comprising at least one hetero atoms, and optionally substituted with at least one entity chosen from

hetero atoms, groups comprising at least one hetero atom, and halogen atoms;

X is chosen from:

- linear and branched alkyl radicals comprising from 1 to 14 carbon atoms and alkenyl radicals comprising from 2 to 14 carbon atoms, optionally interrupted with at least one entity chosen from hetero atoms and groups comprising at least one hetero atom, and optionally substituted with at least one entity chosen from hetero atoms, groups comprising at least one hetero atom, and halogen atoms;
- 5- and 6-membered heterocyclic radicals optionally substituted with at least one radical chosen from linear and branched alkyl radicals comprising from 1 to 14 carbon atoms, optionally substituted with at least one entity chosen from hetero atoms; linear and branched aminoalkyl radicals comprising from 1 to 4 carbon atoms, optionally substituted with at least one hetero atom; and halogen atoms;
- fused and non-fused aromatic and diaromatic radicals, optionally separated with an alkyl radical comprising from 1 to 4 carbon atoms, wherein the aromatic and diaromatic radicals are optionally substituted with at least one entity chosen from halogen atoms and alkyl radicals comprising from 1 to 10 carbon atoms optionally substituted and/or interrupted with at least one hetero atom and/or group comprising at least one hetero atom;
- dicarbonyl radicals;
- the group X optionally comprises at least one cationic charge;

a is equal to 0 or 1;

Y, which may be identical or different, is chosen from organic and mineral anions; and

n is an integer ranging from 2 to the number of cationic charges present in the fluorescent dye.

7. The cosmetic composition according to Claim 6, wherein R₁ and R₂, which may be identical or different, are chosen from linear and branched alkyl radicals comprising from 1 to 4 carbon atoms optionally interrupted with at least one entity chosen from hetero atoms and groups comprising at least one hetero atom, and optionally substituted with at least one entity chosen from hetero atoms, groups comprising at least one hetero atom, and halogen atoms.

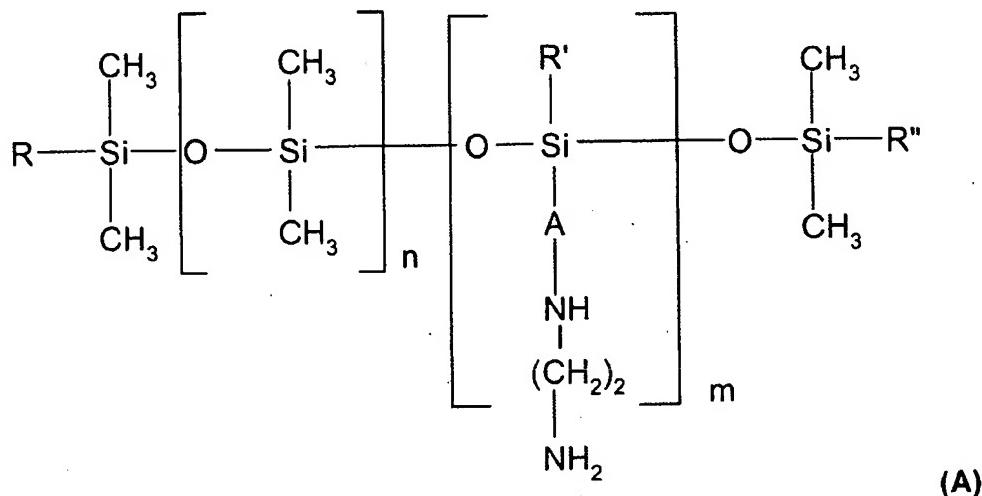
8. The cosmetic composition according to Claim 6, wherein the heterocycle formed by R₁ and R₂ with the nitrogen atom is substituted with at least one radical chosen from linear and branched alkyl radicals comprising from 1 to 4 carbon atoms optionally interrupted with at least one entity chosen from hetero atoms and groups comprising at least one hetero atom and optionally substituted with at least one entity chosen from hetero atoms, groups comprising at least one hetero atom, and halogen atoms.

9. The cosmetic composition according to Claim 1, wherein the at least one fluorescent dye is present in an amount ranging from about 0.01% to about 20% by weight, relative to the total weight of the cosmetic composition.

10. The cosmetic composition according to Claim 9, wherein the at least one fluorescent dye is present in an amount ranging from about 0.05% to about 10% by weight, relative to the total weight of the cosmetic composition.

11. The cosmetic composition according to Claim 10, wherein the at least one fluorescent dye is present in an amount ranging from about 0.1% to about 5% by weight, relative to the total weight of the cosmetic composition.

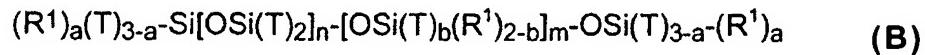
12. The cosmetic composition according to Claim 1, wherein the at least one aminosilicone is chosen from those of formula (A):



wherein R, R' and R'', which may be identical or different, are chosen from C₁-C₄ alkyl radicals; C₁-C₄ alkoxy radicals; and OH; A is chosen from linear and branched C₃-C₈ alkylene radicals; and m and n are integers such that the sum of which ranges from 1 to 2000.

13. The cosmetic composition according to Claim 12, wherein R, R' and R'', which may be identical or different, are chosen from CH₃; methoxy; and OH.

14. The cosmetic composition according to Claim 1, wherein the at least one aminosilicone is chosen from those of formula (B):



wherein:

- T is chosen from hydrogen atoms, and phenyl, OH and C₁-C₈ alkyl radicals,
- a is an integer ranging from 0 to 3,
- b is equal to 0 or 1,

- m and n are numbers such that the sum (n + m) ranges from 1 and 2000, wherein n ranges from 0 to 1999 and m ranges from 1 to 2000;
- R¹ is chosen from monovalent radicals of formula -C_qH_{2q}L wherein q is a number ranging from 2 to 8; and
- L is an optionally quaternized amino group chosen from -N(R²)-CH₂-CH₂-N(R²)₂; -N(R²)₂; -N^{+(R²)₃Q⁻}; -N^{+(R²)(H)₂Q⁻}; -N^{+(R²)₂HQ⁻}; and -N(R²)-CH₂-CH₂-N^{+(R²)(H)₂Q⁻}; wherein R² is chosen from hydrogen, phenyl, benzyl and monovalent saturated hydrocarbon-based radicals, and Q⁻ is chosen from halide ions.}}}}

15. The cosmetic composition according to Claim 14, wherein T is chosen from methyl radicals.

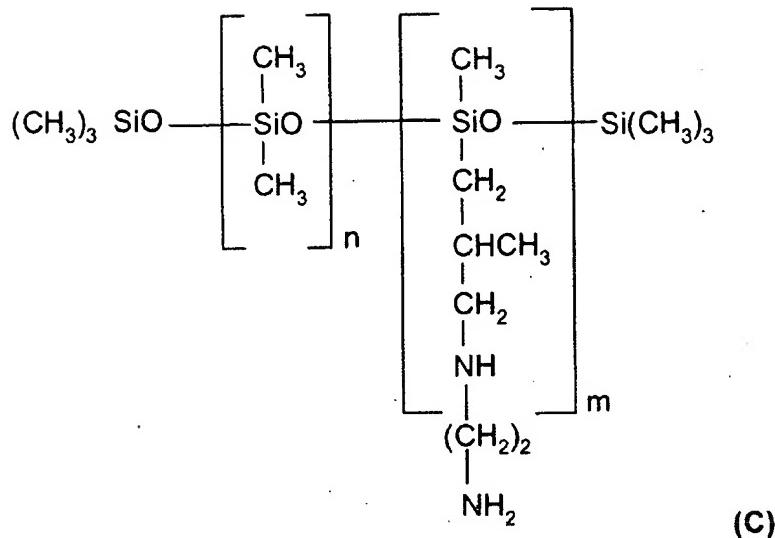
16. The cosmetic composition according to Claim 14, wherein a is equal to zero.

17. The cosmetic composition according to Claim 14, wherein b is equal to one.

18. The cosmetic composition according to Claim 14, wherein R² is an alkyl radical comprising from 1 to 20 carbon atoms.

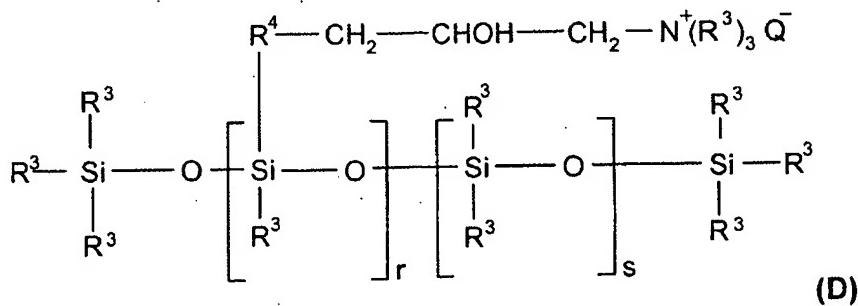
19. The cosmetic composition according to Claim 14, wherein Q⁻ is chosen from fluoride, chloride, bromide and iodide.

20. The cosmetic composition according to Claim 1, wherein the at least one aminosilicone is chosen from those of formula (C):



wherein m and n are numbers such that the sum (n + m) ranges from 1 to 2000, wherein n ranges from 0 to 1999 and m ranges from 1 to 2000.

21. The cosmetic composition according to Claim 1, wherein the at least one aminosilicone is chosen from those of formula (D):



wherein:

- R³ is chosen from C₁-C₁₈ alkyls and alkene radicals;
- R⁴ is chosen from C₁-C₁₈ alkyl, alkene and alkyloxy radicals;
- Q⁻ is a halide ions;
- r equals a mean statistical value ranging from 2 to 20; and
- s equals a mean statistical value ranging from 20 to 200.

22. The cosmetic composition according to Claim 1, wherein the at least one

aminosilicone is present in an amount ranging from about 0.01% to about 20% by weight, relative to the weight of the cosmetic composition.

23. The cosmetic composition according to Claim 22, wherein the at least one aminosilicone is present in an amount ranging from about 0.1% to about 10% by weight, relative to the weight of the cosmetic composition.

24. The cosmetic composition according to Claim 1, further comprising at least one surfactant chosen from nonionic, anionic, cationic and amphoteric surfactants.

25. The cosmetic composition according to Claim 24, wherein the at least one surfactant is present in an amount ranging from about 0.01% to about 30% by weight, relative to the total weight of the cosmetic composition.

26. The cosmetic composition according to Claim 1, further comprising at least one non-fluorescent direct dye chosen from nonionic, cationic and anionic direct dyes.

27. The cosmetic composition according to Claim 26, wherein the at least one non-fluorescent direct dye is chosen from nitrobenzene dyes, azo dyes, anthraquinone dyes, naphthoquinone dyes, benzoquinone dyes, phenothiazine dyes, indigoid dyes, xanthene dyes, phenanthridine dyes, phthalocyanin dyes and triaryl methane-based dyes.

28. The cosmetic composition according to Claim 26, wherein the at least one non-fluorescent direct dye is present in an amount ranging from about 0.0005% to about 12% by weight, relative to the total weight of the cosmetic composition.

29. The cosmetic composition according to Claim 28, wherein the at least one non-fluorescent direct dye is present in an amount ranging from about 0.005% to about 6% by weight, relative to the total weight of the cosmetic composition.

30. The cosmetic composition according to any Claim 1, in the form of a lightening dyeing shampoo.

31. The cosmetic composition according to Claim 1, further comprising at least one oxidation base chosen from para-phenylenediamines, bis(phenyl)alkylenediamines, para-aminophenols, ortho-aminophenols, heterocyclic bases, and acid and alkaline agent addition salts thereof.

32. The cosmetic composition according to Claim 31, wherein the at least one oxidation base is present in an amount ranging from about 0.0005% to about 12% by weight, relative to the total weight of the cosmetic composition.

33. The cosmetic composition according to Claim 32, wherein the at least one oxidation base is present in an amount ranging from about 0.005% to about 6% by weight, relative to the total weight of the cosmetic composition.

34. The cosmetic composition according to Claim 31, further comprising at least one coupler chosen from meta-phenylenediamines, meta-aminophenols, meta-diphenols, heterocyclic couplers, and acid and alkaline agent addition salts thereof.

35. The cosmetic composition according to Claim 34, wherein the at least one coupler is present in an amount ranging from about 0.0001% to about 10% by weight, relative to the total weight of the cosmetic composition.

36. The cosmetic composition according to Claim 35, wherein the at least one coupler is present in an amount ranging from about 0.005% to 5% by weight, relative to the total weight of the cosmetic composition.

37. The cosmetic composition according to Claim 1, further comprising at least one oxidizing agent.

38. The cosmetic composition according to Claim 31, further comprising at least one oxidizing agent.

39. The composition according to Claim 37, wherein the at least one oxidizing

agent is chosen from hydrogen peroxide, urea peroxide, alkali metal bromates, persalts, and enzymes.

40. The composition according to Claim 39, wherein the persalts are chosen from perborates and persulphates.

41. The composition according to Claim 39, wherein the enzymes are chosen from peroxidases and two-electron and four-electron oxidoreductases.

42. The composition according to Claim 39, wherein the at least one oxidizing agent is hydrogen peroxide.

43. The composition according to Claim 38, wherein the at least one oxidizing agent is chosen from hydrogen peroxide, urea peroxide, alkali metal bromates, persalts, and enzymes.

44. The composition according to Claim 43, wherein the persalts are chosen from perborates and persulphates.

45. The composition according to Claim 43, wherein the enzymes are chosen from peroxidases and two-electron and four-electron oxidoreductases.

46. The composition according to Claim 43, wherein the at least one oxidizing agent is hydrogen peroxide.

47. A process for dyeing human keratin fibers with a lightening effect, comprising:
a) a cosmetic composition comprising, in a cosmetically acceptable medium, at least one fluorescent dye that is soluble in the medium and at least one aminosilicone; with the proviso that the fluorescent dye is not 2-[2-(4-dialkylamino)phenylethenyl]-1-alkylpyridinium wherein the alkyl radical of the pyridinium nucleus is chosen from methyl and ethyl radicals and wherein the alkyl radical of the benzene nucleus is chosen from methyl radicals, and wherein the counterion is a halide, is applied to the

fibers, for a time that is sufficient to develop the desired coloration and lightening,

- b) the fibers are optionally rinsed,
- c) the fibers are optionally washed with shampoo and rinsed,
- d) the fibers are dried or are left to dry.

48. The process according to Claim 47, wherein the human keratin fibers have a tone height of less than or equal to 6.

49. The process according to Claim 48, wherein the human keratin fibers have a tone height of less than or equal to 4.

50. The process according to Claim 47, wherein the human keratin fibers are artificially colored or pigmented.

51. The process according to Claim 47, wherein the at least one fluorescent dye provides a reflectance maximum that is in the wavelength range from about 500 to about 650 nanometers.

52. The process according to Claim 51, wherein the at least one fluorescent dye provides a reflectance maximum that is in the wavelength range from about 550 to about 620 nanometers.

53. A process for dyeing human keratin fibers with a lightening effect, comprising:

- a) a separately stored composition comprising, in a cosmetically acceptable medium, at least one fluorescent dye that is soluble in the medium and at least one aminosilicone, and optionally at least one oxidation base and optionally at least one coupler; with the proviso that the fluorescent dye is not 2-[2-(4-dialkylamino)phenylethenyl]-1-alkylpyridinium wherein the alkyl radical of the pyridinium nucleus is chosen from methyl and ethyl radicals and wherein the alkyl radical of the benzene nucleus is chosen from methyl radicals, and wherein the counterion is a halide,

and another separately stored composition comprising, in a cosmetically acceptable medium, at least one oxidizing agent,

b) mixing the separately stored compositions together at the time of use, and applying to the fibers, for a time that is sufficient to develop the desired coloration and lightening,

- c) the fibers are optionally rinsed,
- d) the fibers are optionally washed with shampoo and rinsed,
- e) the fibers are dried or are left to dry.

54. The process according to Claim 53, wherein the human keratin fibers have a tone height of less than or equal to 6.

55. The process according to Claim 54, wherein the human keratin fibers have a tone height of less than or equal to 4.

56. The process according to Claim 53, wherein the human keratin fibers are artificially colored or pigmented.

57. The process according to Claim 53, wherein the at least one fluorescent dye provides a reflectance maximum that is in the wavelength range from about 500 to about 650 nanometers.

58. The process according to Claim 57, wherein the at least one fluorescent dye provides a reflectance maximum that is in the wavelength range from about 550 to about 620 nanometers.

59. A process for coloring dark skin with a lightening effect, comprising applying a cosmetic composition to the skin and the skin is then dried or is left to dry, wherein the cosmetic composition comprises, in a cosmetically acceptable medium, at least one fluorescent dye that is soluble in the medium and at least one aminosilicone; with the

proviso that the fluorescent dye is not 2-[2-(4-dialkylamino)phenylethenyl]-1-alkylpyridinium wherein the alkyl radical of the pyridinium nucleus is chosen from methyl and ethyl radicals and wherein the alkyl radical of the benzene nucleus is chosen from methyl radicals, and wherein the counterion is chosen from halides.

60. The process according to Claim 59, wherein the cosmetic composition optionally comprises at least one additive chosen from oxidation bases, couplers, and oxidizing agents.

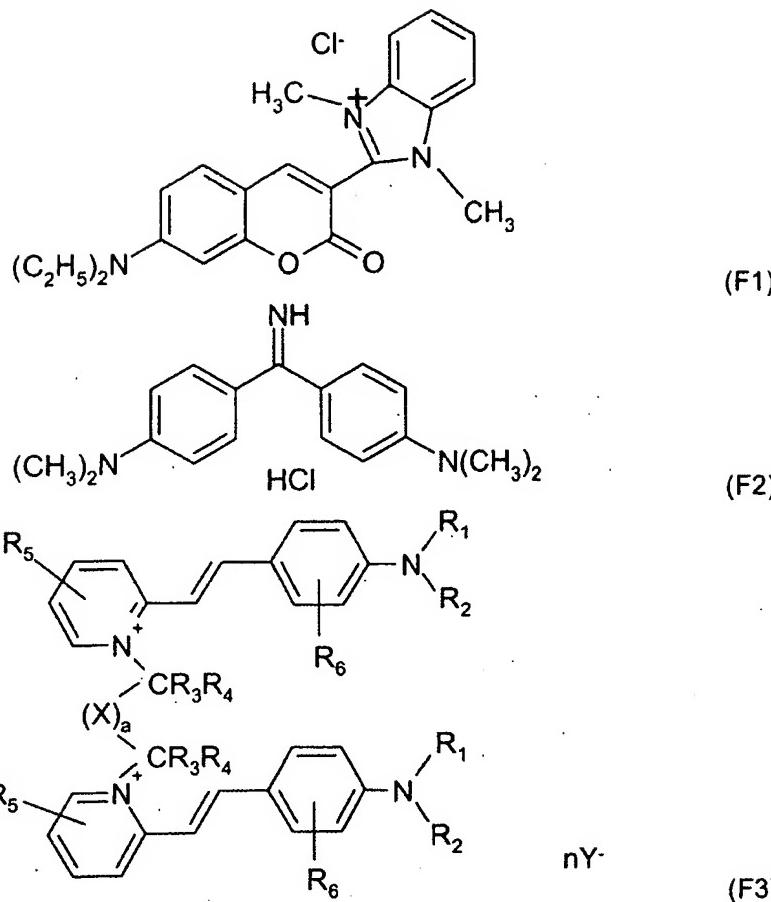
61. A process for dyeing keratin materials with a lightening effect, comprising applying to the keratin materials a cosmetic composition comprising, in a cosmetically acceptable medium, at least one fluorescent dye that is soluble in the medium, and at least one aminosilicone, for dyeing keratin materials with a lightening effect.

62. The process according to Claim 61, wherein the at least one fluorescent dye provides a reflectance maximum that is in the wavelength range from about 500 to about 650 nanometres.

63. The process according to Claim 62, wherein the at least one fluorescent dye provides a reflectance maximum that is in the wavelength range from about 550 to about 620 nanometres.

64. The process according to Claim 61, wherein the at least one fluorescent dye is chosen from naphthalimides; cationic and non-cationic coumarins; xanthenodiquinolizines; azaxanthenes; naphtholactams; azlactones; oxazines; thiazines; dioxazines; and polycationic fluorescent dyes of azo, azomethine and methine type.

65. The process according to Claim 61, wherein the at least one fluorescent dye is chosen from the formulae (F1), (F2), and (F3):



wherein:

R₁ and R₂, which may be identical or different, are chosen from:

- hydrogen atoms;
- linear and branched alkyl radicals comprising from 1 to 10 carbon atoms, optionally interrupted with at least one entity chosen from hetero atoms and groups comprising at least one hetero atom, and optionally substituted with at least one entity chosen from hetero atoms, groups comprising at least one hetero atom, and halogen atoms;
- aryl and arylalkyl radicals, wherein the aryl group comprises 6 carbon atoms and the alkyl radical comprises from 1 to 4 carbon atoms; the aryl radical is optionally substituted with at least one radical chosen from linear and

branched alkyl radicals comprising from 1 to 4 carbon atoms optionally interrupted with at least one entity chosen from hetero atoms and groups comprising at least one hetero atom, and optionally substituted with at least one entity chosen from hetero atoms, groups comprising at least one hetero atom, and halogen atoms;

- R_1 and R_2 may optionally be linked so as to form a heterocycle with the nitrogen atom and may further comprise at least one hetero atom, wherein the heterocycle is optionally substituted with at least one radical chosen from linear and branched alkyl radicals, optionally interrupted with at least one entity chosen from hetero atoms and groups comprising at least one hetero atom, and optionally substituted with at least one entity chosen from hetero atoms, groups comprising at least one hetero atom, and halogen atoms;
- R_1 or R_2 may also optionally be included in a heterocycle comprising the nitrogen atom and one of the carbon atoms of the phenyl group comprising the nitrogen atom;

R_3 and R_4 , which may be identical or different, are chosen from hydrogen atoms and alkyl radicals comprising from 1 to 4 carbon atoms;

R_5 , which may be identical or different, are chosen from hydrogen atoms, halogen atoms, and linear and branched alkyl radicals comprising from 1 to 4 carbon atoms, optionally interrupted with at least one hetero atom;

R_6 , which may be identical or different, are chosen from hydrogen atoms; halogen atoms; and linear and branched alkyl radicals comprising from 1 to 4 carbon atoms, optionally interrupted with at least one entity chosen from hetero atoms and groups comprising at least one hetero atoms, and optionally substituted with at least one entity chosen from

hetero atoms, groups comprising at least one hetero atom, and halogen atoms;

X is chosen from:

- linear and branched alkyl radicals comprising from 1 to 14 carbon atoms and alkenyl radicals comprising from 2 to 14 carbon atoms, optionally interrupted with at least one entity chosen from hetero atoms and groups comprising at least one hetero atom, and optionally substituted with at least one entity chosen from hetero atoms, groups comprising at least one hetero atom, and halogen atoms;
- 5- and 6-membered heterocyclic radicals optionally substituted with at least one radical chosen from linear and branched alkyl radicals comprising from 1 to 14 carbon atoms, optionally substituted with at least one entity chosen from hetero atoms; linear and branched aminoalkyl radicals comprising from 1 to 4 carbon atoms, optionally substituted with at least one hetero atom; and halogen atoms;
- fused and non-fused aromatic and diaromatic radicals, optionally separated with an alkyl radical comprising from 1 to 4 carbon atoms, wherein the aromatic and diaromatic radicals are optionally substituted with at least one entity chosen from halogen atoms and alkyl radicals comprising from 1 to 10 carbon atoms optionally substituted and/or interrupted with at least one hetero atom and/or group comprising at least one hetero atom;
- dicarbonyl radicals;
- the group X optionally comprises at least one cationic charge;

a is equal to 0 or 1;

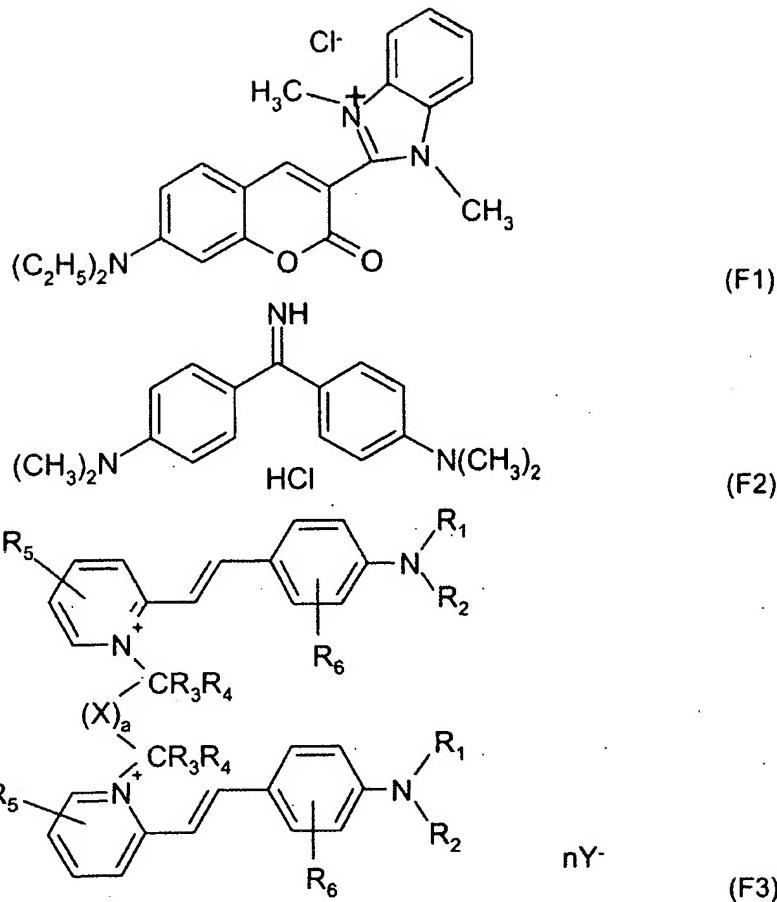
Y, which may be identical or different, is chosen from organic and mineral anions; and

n is an integer ranging from 2 to the number of cationic charges present in the fluorescent dye.

66. A multi-compartment kit for dyeing and lightening human keratin materials, comprising at least one compartment comprising a cosmetic composition comprising, in a cosmetically acceptable medium, at least one fluorescent dye that is soluble in the medium and at least one aminosilicone; with the proviso that the fluorescent dye is not 2-[2-(4-dialkylamino)phenylethenyl]-1-alkylpyridinium wherein the alkyl radical of the pyridinium nucleus is chosen from methyl and ethyl radicals and wherein the alkyl radical of the benzene nucleus is chosen from methyl radicals, and wherein the counterion is chosen from halides; and at least one other compartment comprising a composition comprising at least one oxidizing agent.

67. The multi-compartment kit according to Claim 66, wherein the at least one fluorescent dye is chosen from naphthalimides; cationic and non-cationic coumarins; xanthenodiquinolizines; azaxanthenes; naphtholactams; azlactones; oxazines; thiazines; dioxazines; and polycationic fluorescent dyes of azo, azomethine and methine type.

68. The multi-compartment kit according to Claim 66, wherein the at least one fluorescent dye is chosen from the formulae (F1), (F2), and (F3):



wherein:

R_1 and R_2 , which may be identical or different, are chosen from:

- hydrogen atoms;
- linear and branched alkyl radicals comprising from 1 to 10 carbon atoms, optionally interrupted with at least one entity chosen from hetero atoms and groups comprising at least one hetero atom, and optionally substituted with at least one entity chosen from hetero atoms, groups comprising at least one hetero atom, and halogen atoms;
- aryl and arylalkyl radicals, wherein the aryl group comprises 6 carbon atoms and the alkyl radical comprises from 1 to 4 carbon atoms; the aryl radical is optionally substituted with at least one radical chosen from linear and

- branched alkyl radicals comprising from 1 to 4 carbon atoms optionally interrupted with at least one entity chosen from hetero atoms and groups comprising at least one hetero atom, and optionally substituted with at least one entity chosen from hetero atoms, groups comprising at least one hetero atom, and halogen atoms;
- R₁ and R₂ may optionally be linked so as to form a heterocycle with the nitrogen atom and may further comprise at least one hetero atom, wherein the heterocycle is optionally substituted with at least one radical chosen from linear and branched alkyl radicals, and optionally interrupted with at least one entity chosen from hetero atoms and groups comprising at least one hetero atom, and optionally substituted with at least one entity chosen from hetero atoms, groups comprising at least one hetero atom, and halogen atoms;
 - R₁ or R₂ may also optionally be included in a heterocycle comprising the nitrogen atom;

R₃ and R₄, which may be identical or different, are chosen from hydrogen atoms and alkyl radicals comprising from 1 to 4 carbon atoms;

R₅, which may be identical or different, are chosen from hydrogen atoms, halogen atoms, and linear and branched alkyl radicals comprising from 1 to 4 carbon atoms, optionally interrupted with at least one hetero atom;

R₆, which may be identical or different, are chosen from hydrogen atoms; halogen atoms; and linear and branched alkyl radicals comprising from 1 to 4 carbon atoms, optionally interrupted with at least one entity chosen from hetero atoms and groups comprising at least one hetero atoms, and optionally substituted with at least one entity chosen from

hetero atoms, groups comprising at least one hetero atom, and halogen atoms;

X is chosen from:

- linear and branched alkyl radicals comprising from 1 to 14 carbon atoms and alkenyl radicals comprising from 2 to 14 carbon atoms, optionally interrupted with at least one entity chosen from hetero atoms and groups comprising at least one hetero atom, and optionally substituted with at least one entity chosen from hetero atoms, groups comprising at least one hetero atom, and halogen atoms;
- 5- and 6-membered heterocyclic radicals optionally substituted with at least one radical chosen from linear and branched alkyl radicals comprising from 1 to 14 carbon atoms, optionally substituted with at least one entity chosen from hetero atoms; linear and branched aminoalkyl radicals comprising from 1 to 4 carbon atoms, optionally substituted with at least one hetero atom; and halogen atoms;
- fused and non-fused aromatic and diaromatic radicals, optionally separated with an alkyl radical comprising from 1 to 4 carbon atoms, wherein the aromatic and diaromatic radicals are optionally substituted with at least one entity chosen from halogen atoms alkyl radicals comprising from 1 to 10 carbon atoms optionally substituted and/or interrupted with at least one hetero atom and/or group comprising at least one hetero atom;
- dicarbonyl radicals;
- the group X optionally comprises at least one cationic charge;

a is equal to 0 or 1;

Y, which may be identical or different, is chosen from organic and mineral anions; and

n is an integer ranging from 2 to the number of cationic charges present in the fluorescent dye.

69. The multi-compartment kit according to Claim 66, wherein the human keratin materials are chosen from artificially and naturally colored keratin fibers, and dark skin.